

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP99/00219

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>6</sup> G02B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>6</sup> G02B6/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-1999
Kokai Jitsuyo Shinan Koho	1971-1999	Jitsuyo Shinan Toroku Koho	1996-1999

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP, 8-194121, A (Nippon Telegraph & Telephone Corp.), 30 July, 1996 (30. 07. 96), Par. Nos. [0025] to [0028] ; Figs. 4, 6 (Family: none)	1-16
A	JP, 8-86920, A (Mitsubishi Cable Industries, Ltd.), 2 April, 1996 (02. 04. 96), Par. Nos. [0001] to [0004], [0027] ; Fig. 8 (Family: none)	1-16
A	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 3-71714 (Laid-open No. 5-25401) (NEC Corp.), 2 April, 1993 (02. 04. 93), Par. No. [0005] ; Fig. 2 (Family: none)	1-16

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

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Date of the actual completion of the international search  
9 April, 1999 (09. 04. 99)Date of mailing of the international search report  
27 April, 1999 (27. 04. 99)Name and mailing address of the ISA/  
Japanese Patent Office

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